

S. M. Sellers & Co.
Rough draft of
Registered Correspondence
Concerning Transfer
of Steam plants

May 7th 1887.

Report of Tests of Iron for

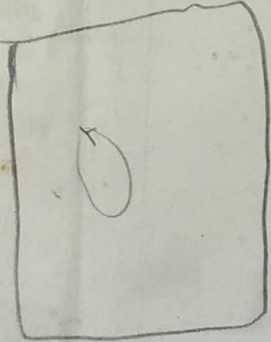
No.

Report of Tests of Iron.

—FOR—

EDGE MOOR IRON WORKS,

18



Report of Tests of Iron for

6' x 20' Galloway Boilers

MAKERS' NAME.	DATE OF TEST.	MARK.	KIND.	SIZE.	AREA IN SQUARE INCHES.	LENGTH.	GAGE READINGS.	LIMIT OF ELASTICITY IN POUNDS PER SQUARE INCH.	PERCENTAGE OF ELONGATION. 8" 12"	PERCENTAGE OF REDUCTION OF AREA.	ULTIMATE STRENGTH IN POUNDS PER SQUARE INCH.	BENDING QUALITIES.	REMARKS AS TO FRACTURE, ETC.
Douglas	Dec 6 1886	x828	Steel	2 $\frac{5}{8}$ " x $\frac{15}{32}$ "	.47	1' 3 $\frac{1}{2}$ "		38,900	22.5 28.3	60.	61,900		Silky
"	"	"	"	2 $\frac{1}{8}$ " x $\frac{1}{2}$ "		1' 4"						Bent Flat	
"	"	"	"	2 $\frac{3}{4}$ " x $\frac{9}{16}$ "		"					(Quenched)	"	
"	"	"	"	"		"					"	"	
"	"	"	"	"	.756	"		41,400	26.2 29.1	51.	67,500		"
"	"	"	"	"	.638	"		38,400	26.2 29.1	60.	60,800		"
"	"	"	"	2 $\frac{5}{8}$ " x $\frac{15}{32}$ "		1' 3 $\frac{1}{2}$ "							
"	"	"	"	2 $\frac{1}{8}$ " x $\frac{1}{2}$ "	.526	1' 4"		38,800	26.6 30.	54.3	60,400		"
"	"	"	"	"	.526	"		40,600	26.3 29.6	55.3	60,100		"
"	"	"	"	2 $\frac{5}{8}$ " x $\frac{15}{32}$ "		1' 3 $\frac{1}{2}$ "					(Quenched)	"	
"	"	"	"	"	.47	"		40,000	24.7 27.5	62.5	61,200		"

Report No.

"Copy"

EDGE MOOR IRON COMPANY.

Signed per F. G. Sellers.

About 41 feet 20" Double Leather Belting 158.67

" 39 " 18" - " - " - " - " 132.21 290.88

We will allow for the 80 ft 24' Rubber Belt.

107.00

Diff. to be paid in Cash

\$ 183.88

About 41 ft 20" 5 ply Rubber Belting 57.81

" 39 " 18" 5 " " " 49.14 \$ 106.95

We will make an even exchange of the 24' Belt

About 41 feet 20" 6 ply Rubber Belting 69.50

" 39 " 18" 6 " " " 59.09 128.59

We will allow for the 24' Belt

107.00

Diff. to be paid in Cash

\$ 21.59

DATE OF DELIVERY.

NUMBER
OF
DELIVERY.

DENOMINATION.

DEVIATION FROM
STANDARD WEIGHT
IN GRAINS.

FINENESS.

MONTH.

DAY.

HEAVY.

LIGHT.

MONTH.	DAY.	NUMBER OF DELIVERY.	DENOMINATION.	DEVIATION FROM STANDARD WEIGHT IN GRAINS.	FINENESS.
				HEAVY.	LIGHT.
13 Nov. 1886	32	91	Recommending Wilson & Co. as Architects on steam plant removal &c		
18 " 1886	32	132	Have examined Engines & Boilers & re- commends Wilson's as engineering Ar- chitects because cannot arrive at Conclusion		
9 Dec. 1886	32	324	Has app'd. Wilson's Architects & asking ab. bonds for bidders &c		
13 " 1886	32	367	Concerning Compensation of Architects		
22 " 1886	32	413	" preliminary bond for bidders &c		
22 " 1886	32	422	Asks about the Appropriation for removal of steam plant		
21 " 1886	32	462	Transmits Specifications for 150 H Engines		
17 Jan. 1887	33	57	Opening the proposals for Engines &c		
11 Feb 1887	33	227	Enclosing copy of order for building new boilers		
14 " 1887	33	260	Sends papers relating to the Construction of Engines		

DATE OF DELIVERY.		NUMBER OF DELIVERY.	DENOMINATION.	DEVIATION FROM STANDARD WEIGHT IN GRAINS.		FINENESS.
MONTH.	DAY.			HEAVY.	LIGHT.	
18 Feb. 1887	33	286	Sends copy of Contract for the construction of internally fired Boilers			
26 " 1887	33	325	Returns Contract of Edge Moor & Co. with new Surveys			
1 Mch. 1887	33	341	Encloses proposals of Meland & Co. for constructing boilers & transfer of Steam Plant.			
4 " 1887	33	372	Acknowledges receipt letter returning Meland Contract			
8 " 1887	33	406	Sends Copies of Advertisements with proposals & Specifications for new boilers			
9 " 1887	33	408	Recommends the selling of a 10 H.P. Engine, based on suggestions of Wilson			
19 " 1887	34	1	Encloses paper containing advs., proposals &c for shafting, pulleys, belts, gearing, from Seller & Co; also Copies of letters from Kensington Engine Works & from Wilson Bros & Co			

RG104 E-1 Box 145 Apr-May 1887

DATE OF DELIVERY.		NUMBER OF DELIVERY.	DENOMINATION.	DEVIATION FROM STANDARD WEIGHT IN GRAINS.		FINENESS.
MONTH.	DAY.			HEAVY.	LIGHT.	
April 1. 1887	A.B. 34	page 90	Send Copy of letter from Kensington Engine Works, proposing to reconstruct Engine No. 2, &c &c			
April 2. 1887	34	100	gives more explicit information concerning the above as regards Contract with Kensington Eng. Works.			
" 4. 1887	34	109	Thinks Directa is under wrong impression with regard to Engine No 2 &c			
" 4. 1887	34	113	Send 4 Copies Contract &c with Sellers to furnish materials &c in connection with transfer of Steamplant &c			
" 9. 1887	34	158	Interview with Mr Francis of Kensington Engine Co in regard to No. 2 Engine			
" 16. 1887	34.	229	Relative to procuring a 50 HP Engine to take the place of No 2.			
" 29. 1887	34	312	Transmits Copy of letter from Wilson's on Belts			

[Abstract:] Rough draft of Registered Correspondence Concerning Transfer of Steam Plant
May 7, 1887

[Please note: Table is split into two parts for formatting. See original images for the full layout.]

Form 48. -1,000.

Report of Tests of Iron for 6' x 20' Galloway Boilers

Makers' Name	Date of Test. 1886.	Mark.	Kind.	Size.	Area in Square Inches.	Length.
Douglas	Dec. 6	1828	Steel	2 5/8" x 15/32"	.47	1' 3 1/2"
"	"	"	"	2 1/8" x 1/2"		1' 4"
"	"	"	"	"		"
"	"	"	"	2 3/4" x 9/16"		"
"	"	"	"	"		"
"	"	"	"	"	.756	"
"	"	"	"	"	.638	"
"	"	"	"	2 5/8" x 15/32"		1' 3 1/2"
"	"	"	"	2 1/8" x 1/2"	.526	1' 4"
"	"	"	"	"	.526	"
"	"	"	"	2 5/8" x 15/32"		1' 3 1/2"
"	"	"	"	"	.47	"

Gauge Reading.	Limit of Elasticity in Pounds per Square Inch.	Percentage of Elongation. 8"	Percentage of Elongation. 12 dia	Percentage of Reduction of Area.	Ultimate Strength in Pounds per Square Inch.	Bending Qualities.	Remark as to Fracture etc.
	38,900	22.5	28.3	60.	61,900		Silky
						Bent Flat	
					(Quenched)	"	
					"	"	
						"	
	41,400	26.2	29.1	51.	67,500		"
	38,400	26.2	29.1	60.	60,800		"
						"	
	38,800	26.6	30.	54.3	60,400		"
	40,600	26.3	29.6	55.3	60,100		"
					(Quenched)	"	
	40,000	24.7	27.5	62.5	61,200		"

Edge Moor Iron Company. Signed – per. F.G. Sellers.

Report No. "Copy"

NARA RG104, Entry 1, Box 145

[Letter Two:]

About 41 feet 20" Double Leather Belting	158.67	
" 39 " 18" " " "	132.21	290.88
We will allow for the 80 ft. 24" Rubber Belt		<u>107.00</u>
Diff. to be paid in cash		\$183.88
About 41 ft. 20" 5 ply Rubber Belting	57.81	
" 39 " 18" 5 " " "	<u>49.14</u>	\$106.95
We will make an even exchange of the 24" Belt		
About 41 feet 20" 6 ply Rubber Belting	69.50	
" 39 " 18" 6 " " "	<u>59.09</u>	128.59
We will allow for the 24" Belt		<u>107.00</u>
Diff. to be paid in Cash		\$21.59

[Letter Three:]

Date of Delivery. Month.	Date of Delivery. Day.	Number of Delivery.	Denomination.	Deviation from Standard Weight in Grains. Heavy.	Deviation from Standard Weight in Grains. Light.	Fineness.
13 Nov. 1886	O. Book 32	Page 91.	Recommending Wilson Bro. as architects on steam plant removal.			
18 " 1886	32	132	Have examined engines & Boilers & recommend Wilson's as Engineering Architects because cannot arrive at conclusion.			
9 Dec. 1886	32	324	Has appt. Wilson's Architects & asking ab. Bonds for bidders &c.			
13 " 1886	32	367	Concerning Compensation of Architects.			
22 " 1886	32	413	" preliminary bond for bidders &c.			
22 " 1886	32	422	Asks about the appropriation for removal of steam plant			
31 " 1886	32	462	Transmits specifications for 150 Payun			
17 Jan. 1887	33	51	Opening the proposals for Engines &c.			
11 Feb 1887	33	229	Enclosing copy of adver.: for building new boilers.			
14 " 1887	33	260	Sends papers relating to the Construction of Engines.			

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Date of Delivery. Month.	Date of Delivery. Day.	Number of Delivery.	Denomination.	Deviation from Standard Weight in Grains. Heavy.	Deviation from Standard Weight in Grains. Light.	Fineness.
18 Feb. 1887	O. book 33	286	Sends copy of Contract for the Construction of internally fired Boilers.			
26 " 1887	33	325	Returns contract of Edge Moor I. Co. with new sureties.			
1 Mch. 1887	33	341	Encloses proposals of McCaul &c. for constructing boilers & transfer of steam plant.			
4 " 1887	33	372	Acknowledges receipt letter returning McCaul Contract.			
8 " 1887	33	406	Sends copies of Advertisement with proposals & specification for new boiler.			
9 " 1887	33	408	Recommends the selling of a 10 H.P. Engine, based on suggestions of Wilson.			
19 " 1887	34	1	Encloses paper containing aduers. Proposals &c &c for shafting, pulleys, belts, gearing, from Sellers & Co.; also copies of letters from Kensington Engine Works & from Wilson Bros. Co.			

Date of Delivery. Month.	Date of Delivery. Day.	Number of Delivery.	Denomination.	Deviation from Standard Weight in Grains. Heavy.	Deviation from Standard Weight in Grains. Light.	Fineness.
April 1, 1887	O.B. 34	Page 90	Sends copy of letter from Kensington Engine Works, proposing to reconstruct Engines No. 2, &c &c.			
April 2, 1887	34	100	Gives more explicit information as regard contract with Kensington Eng. Works.			
" 4, 1887	34	109	Thinks Director is under wrong impression with regard to Engine No. 2 &c.			
" 4, 1887	34	113	Sends 4 copies contract &c. with Sellers to furnish materials &c. in connection with transfer of steam plant &c.			
" 9, 1887	34	158	Interview with Mr. Francis of Kensington Engine Co. in regard to No. 2 Engine.			
" 16, 1887	34	229	Relative to procuring a 50 H.P. Engine to take the place of No. 2.			
"29, 1887	34	312	Transmits copy of letter from Wilson on Belts.			

Date of Delivery. Month.	Date of Delivery. Day.	Number of Delivery.	Denomination.	Deviation from Standard Weight in Grains. Heavy.	Deviation from Standard Weight in Grains. Light.	Fineness.
May 7, 1887	O. Book 34	Pg. 391	Makes requisition for \$5000 on Secretary of the Treas. to meet expense, removal of Steam plant.			